



# Project Narrative

This document will be uploaded to a Case Fact Sheet on the City's web site.

Date: 8/11/04

Project No.: 309 - PA - 04

Coordinator: Al Ward

Case No.: \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_

Project Name: City of Scottsdale Arsenic Treatment Facility Site 115

**Project Location:** Southwest Intersection of Hayden and Deer Valley Road

## Property Details:

☐ Single-Family Residential    ☐ Multi-Family Residential    ☐ Commercial    ☐ Industrial

Current Zoning: R1-35    Proposed Zoning: \_\_\_\_\_

Number of Buildings: 1    Parcel Size: \_\_\_\_\_

Gross Floor Area/Total Units: N/A    Floor Area Ratio/Density: N/A

Parking Required: none    Parking Provided: N/A

Setbacks:    N - 230 feet    S - 150 feet    E - 250 feet    W - 110 feet

## Description of Request:

The City of Scottsdale is required by the EPA to control the amount of arsenic entering the public water system. To that end, the City is constructing an arsenic treatment facility at a City owned parcel in the southwest corner of Hayden and Deer Valley Road. The facilities consist of arsenic removal contactors, surge suppression systems, process building housing two booster pump stations, standby generator and disinfection facilities. A 2.5 million gallon reservoir will store the treated water. A 10 foot CMU stuccoed wall will enclose the facility for security purposes. The wall and the process building color will match the City's existing on-site Well 115.

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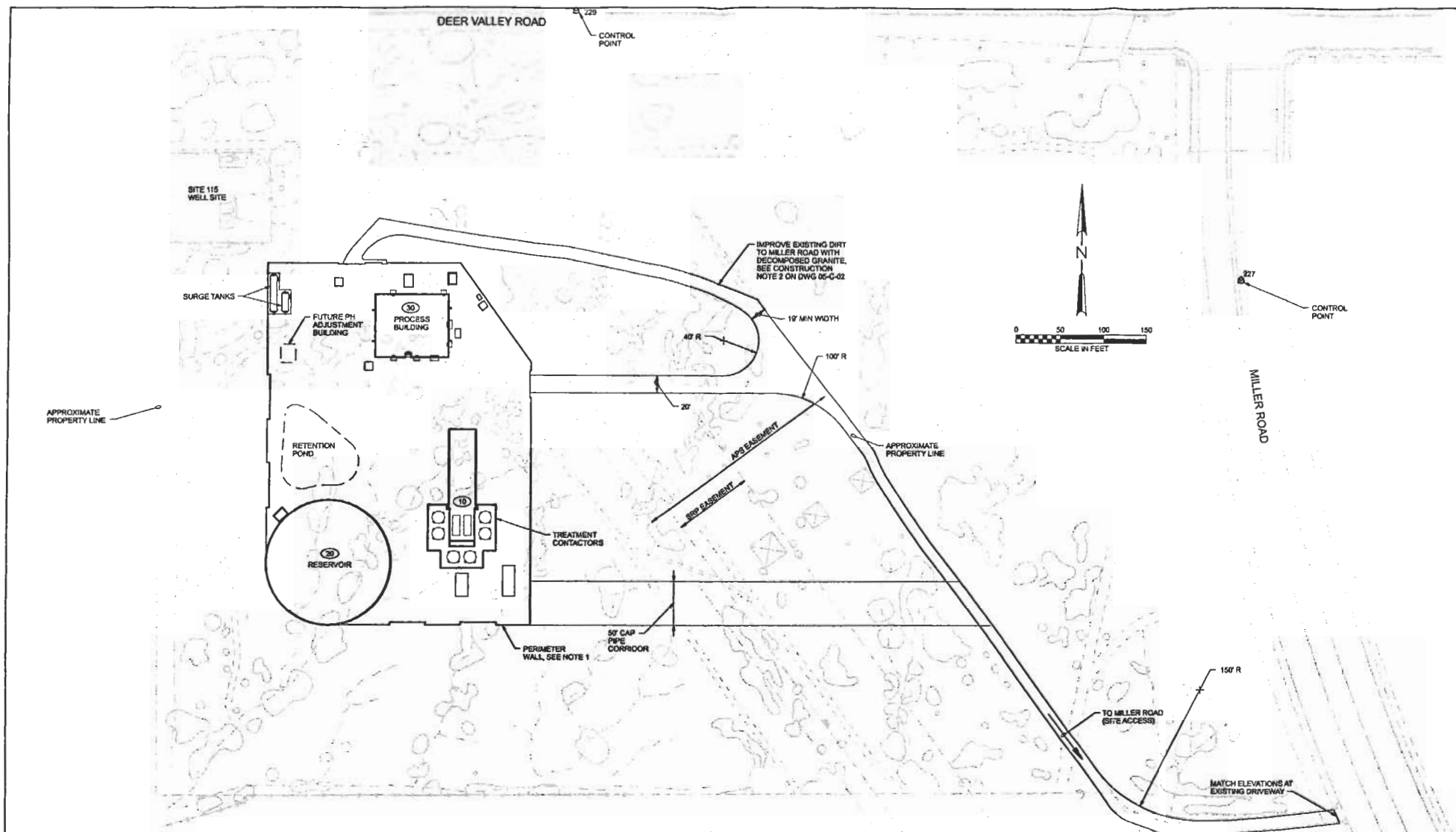
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## Planning and Development Services Department

7447 E Indian School Road, Suite 105, Scottsdale, AZ 85251 • Phone: 480-312-7000 • Fax: 480-312-7088



# NOTES:

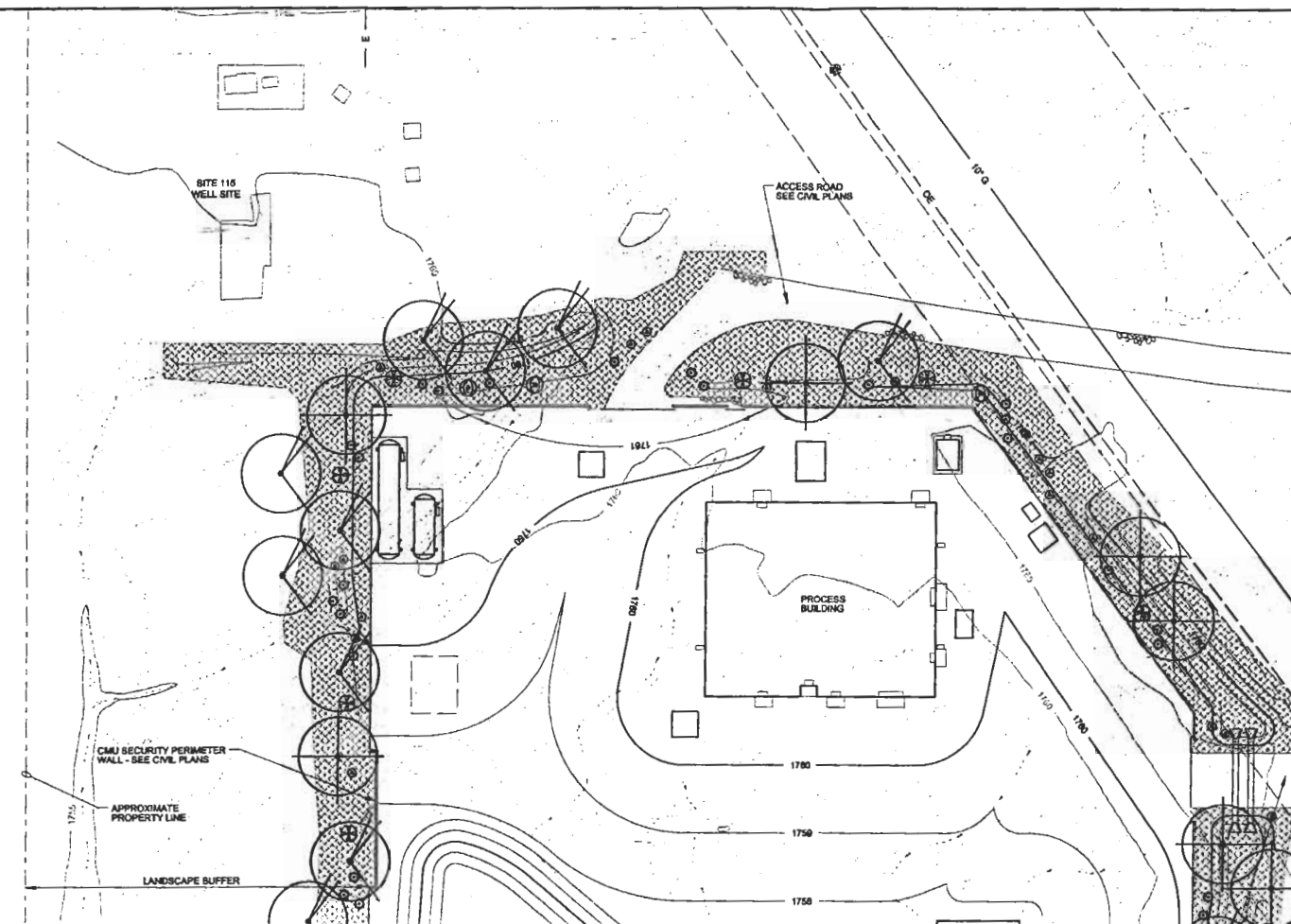
- CONTRACTOR STAGING AREA TO BE RESTRICTED WITHIN THE BOUNDARY OF THE PERIMETER WALL. IF ADDITIONAL AREA IS REQUIRED, COORDINATE NEEDS WITH THE CITY STAFF. SEE GENERAL SITE NOTES 6 & 7 ON DWG 01-G-04
- SEE DWG 01-G-04 FOR ADDITIONAL GENERAL SITE NOTES.

POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
227	978185.75	700005.27	1775.15	CITY OF SCOTTSDALE BRASS CAP
229	976502.79	699232.43	1787.95	CITY OF SCOTTSDALE BRASS CAP

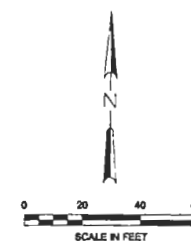
HORIZ DATUM: STATE PLANE COORDINATE SYSTEM - NAD83  
VERT DATUM: NA88

<b>80% PRELIMINARY DESIGN NOT FOR CONSTRUCTION</b>		DATE		REVISION	
		APPROVED	DATE	APPROVED	DATE
		MUNICIPAL SERVICES DEPARTMENT CAPITAL PROJECT MANAGEMENT 3447 E. INDIAN SCHOOL ROAD SCOTTSDALE, ARIZONA 85261			
ARSENIC TREATMENT FACILITY - SITE 115 OVERALL SITE PLAN		PROJECT NO. 000-000000 SHEET NO. 11 OF 100			

102-DR-2004



MATCHLINE - SEE SHEET L-3



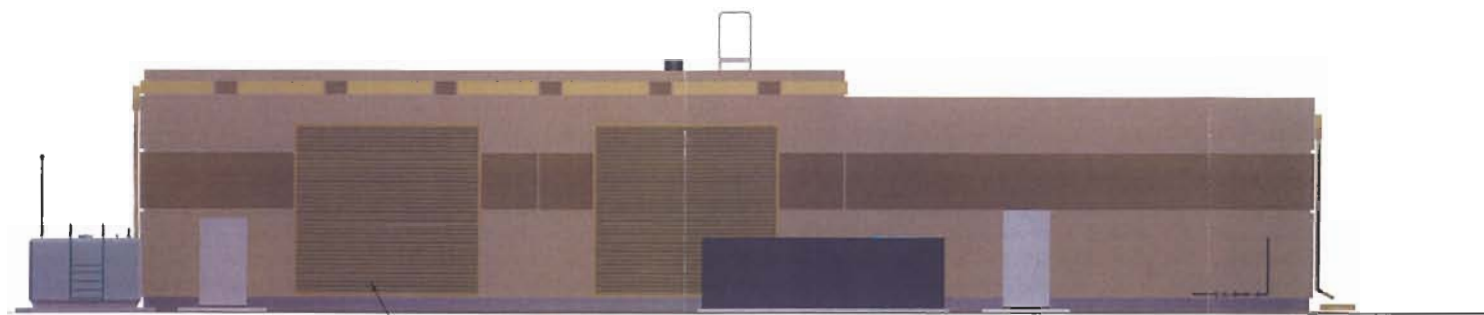
# PLANTING LEGEND & OVERALL QUANTITIES

SYM/	RECOMM.	COMMON NAME	SIZE	QTY	GALLON
THROW	BOTANICAL NAME				(TREES ONLY)
	<i>Olneya tesota</i>	Desert Ironwood	24" Box	11	2"
	<i>Prosopis juliflora</i>	Velvet Mesquite	24" Box	28	2"
	Salvaged Tree	See Specifications	Varies	14	
	<i>Ambrosia deltoidea</i>	Burrage	5 Gallon	51	
	<i>Encelia farinosa</i>	Brittlebush	5 Gallon	38	
	<i>Larrea tridentata</i>	Creosote	5 Gallon	21	

SYM/	RECOMM.	COMMON NAME	SIZE	QTY
GRASS/	BOTANICAL NAME			
	<i>Opuntia acanthocarpa</i>	Buckhorn Cholla	5 Gallon	9
	Native Seed Mix - Hydroseed	See C.O.S. Specification 430.11.3 and 430.12.13 for Seed Mix and Installation	39,437 S.F.	
(No symbol)	Desert Pavement	See C.O.S. Specification 430.12.10-C		

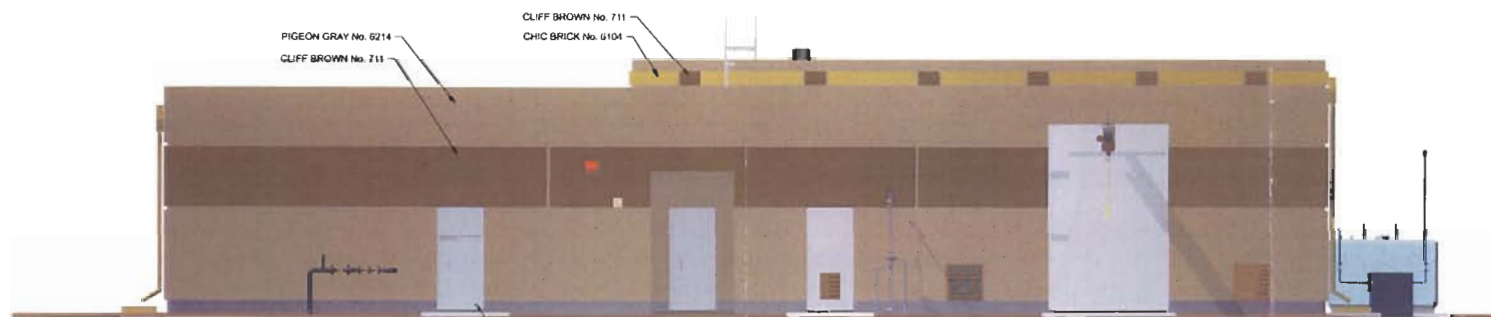
102-DR-2004  
11/2/2004

 <b>CH2MHILL</b> 2625 SOUTH PLAZA DRIVE SUITE 300 TEMPE, AZ 85282 TEL: 480.988.8188	DATE: 11/2/2004 REVISION: 01		PROJECT: ARSENIC TREATMENT FACILITY - SITE 115 DRAWING: LANDSCAPE DEVELOPMENT PLANTING PLAN		SHEET: 14 OF: 17
	SCALE: 1" = 40'		PROJECT: ARSENIC TREATMENT FACILITY - SITE 115 DRAWING: LANDSCAPE DEVELOPMENT PLANTING PLAN		SHEET: 14 OF: 17
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MANUFACTURER'S STANDARD  
ALUMINUM LOUVER WITH ANODIZED  
MEDIUM BRONZE FINISH, TYP

NORTH ELEVATION



PIGEON GRAY No. 6214  
CLIFF BROWN No. 711

CLIFF BROWN No. 711  
CHIC BRICK No. 6104

MANUFACTURER'S STANDARD  
COLOR WHITE FRP DOOR, TYP

SOUTH ELEVATION



SITE 115 PROCESS BUILDING NORTH AND SOUTH ELEVATIONS

ARSENIC TREATMENT FACILITY  
SCOTTSDALE, ARIZONA

102-DR-2004  
11/2/2004



PLANK BPC 04.1 04.104